+91 8971556528 | saras.arya@gmail.com

Saras Arya

A software developer with experience in Full Stack Web Development in a Backend heavy role. A Javascript developer by day and an avid learner by night. I eat, live and breathe scalable code.

EMPLOYMENT

JUN 2017 - Present

SOFTWARE ENGINEER - Rentomojo
+ Revamped modules in the Rentomojo website like **Product**, **Profile**, **Referral**(both frontend and backend) as per advanced requirement.
+ Engineering Task like trying out newer frameworks, third party APIs(Gmail).
+ Converting services to Serverless Framework(**AWS Lambdas**, **Dynamos**).
+ Migrating Internal Admin portal to **React**.
+ Migrated Customer website to **Vue.js.**
+ Building a Fintech Product.

DEC 2015 - JUN 2017

SOFTWARE LEAD – Metaiot Technologies Pvt. Ltd
+ Software Architecture and Design of the Application.
+ Establishing Processes and strong ethics in terms of code quality.
+ Coding the Application (backend, frontend and mobile).
+ Establishing communication protocols for **IoT** Gateway.
+ Evaluating new Frameworks and estimating the technical debts.
+ Building the data analytics platform to perform real time Prediction queries using ML algorithms.

JULY 2015 - NOV 2015

SOFTWARE ENGINEER – Cerner Healthcare IT
+ Handling migration of Scheduling Software from C++ to Java.

SKILLS

Languages	**JAVASCRIPT**	★★★★★★★☆☆☆
	PYTHON	★★★★★☆☆☆☆☆
Framework	**NODEJS**	★★★★★★★★☆☆
	ANGULAR JS	★★★★★★★★☆☆
Database	**MONGODB**	★★★★★★★★★☆
	REDIS	★★★★☆☆☆☆☆☆
	POSTGRES	★★★★★☆☆☆☆☆
Extras	**GOOGLE MAPS API**	★★★★★★☆☆☆☆
	DEVOPS	★★★★★☆☆☆☆☆
	AWS	★★★★★★☆☆☆☆
	REACT AND REACT-NATIVE	★★★★★★☆☆☆☆
	VUE JS	★★★★★☆☆☆☆☆

+91 8971556528 | saras.arya@gmail.com

EDUCATION

2011 - 2015	**B.TECH COMPUTER SCIENCE** – Vellore Institute of Technology, Vellore (8.97)
2010	**HIGHER SECONDARY EDU.** – Rajhans Vidyalaya, Mumbai (86.5)
2008	**SECONDARY EDU. -** J.H. Ambani Petrochemicals English Medium School (85.6)

ACHIEVEMENTS

+ Taking an idea and converting it into a full fledged product with backend, frontend, mobile app and deployment done, single handedly(VEHICO).
+ Ex-President and Technical Head at Technology and Gaming Club VIT Vellore

PROJECTS

VEHICO FLEET

Address: https://fleet.vehi-co.com

Status : Deployed, In Production

About : A fleet management solution, which lets Fleet Owners look into the performance of their fleet and gives them actionable insights about their fleet efficiency. This application provides services like *driver-car correlation, fuel consumption, car health and predictive maintenance* on data that comes from OBD Port of the car.

No. of People: 1

BACKEND – Node.js, MongoDB, Redis, Socket.io

+ Designing of RESTful API's in ExpressJS.
+ Using Mongoose to saving data to MongoDB
+ Redis for Caching.
+ Separate node.js application to handle data from the hardware. In line with Micro services Architecture, with the same database layer.
+ Integration with a python app, to power the prediction engine via API's.
+ Live Tracking like feature implemented via Socket.io.
+ Node.js Cluster deployment.

FRONTEND - AngularJS, HTML, CSS, Google Maps API

+ Taking an Existing Template and wring it to become an Angular Application
+ Intergration of Google Maps for applications like Location Tracking via sockets, Geofencing on per car, per account basis.
+ Razorpay integration.
+ Dashboard and Charts using HighCharts.
+ Frontend CSS modified using bootstrap.
+ Build systems are powered using Gulp.

DEVOPS - AWS, DigitalOcean, Nginx, LetsEncrypt

+ Deployment in DO and then Migrating to AWS, Route 53, EC2.
+ Web App deployment via Reverse Proxy Deployment in Nginx.
+ All application are Load Balanced in three EC2 instances which was done via Nginx and later moved to ELB.
+ MongoDB is deployed in Replication Model.
+ All sites are running Https with certificates from LetsEncrypt.
+ Bash scripts to bring up a server in under a min.

MOBILE APP - IONIC 1, ANGULAR 1.5

+ A vendor app via which business can track their fleet on Mobile through Sockets.
+ Built only for Android and available in Google Play Store by name of Vehico Fleet.

VEHICO FLEETMATE

Address: https://fleetmate.vehi-co.com

Status : Deployed

About : A fleet management solution, which manages bookings for Vendors, like Retail and Employee Transportation and the aim is to automate the billing process for reduced Payment Turnaround times and save money of corporates by maximizing efficiency of employee Transportation using techniques like Route Optimization and Machine Learning.

No. of People: 1

Tech Stack : MEAN

RENTOMOJO

Tech Stack: Node.js, Loopback, Postgres and Vue.js currently. We are migrating to Restify and TypeScript powered backend. Internal Tooling moving to React.

PASTIMES

+ Upskilling(Pluralsight, Frontend Masters, Udemy)
+ Hackerrank
+ Avid Gamer (Uncharted 4, Skyrim, The Last of Us, CS, CoD)
+ Blogging https://blog.sarasarya.com/

PROFILES

+ **GITHUB** https://github.com/SarasArya
+ **STACK OVERFLOW** http://stackoverflow.com/users/3320962/saras-arya
+ **LINKEDIN** https://in.linkedin.com/in/sarasarya
+ **TWITTER** https://twitter.com/saras_arya